Part Number : 873684224
Product Description : Milli-Grid Receptacle, Surface Mount, Side Entry, 0.38µm Gold (Au) Plating, 42 Circuits, Lead-Free
Series Number : 87368
Status : Active
Product Category : PCB Headers and Receptacles



Documents & Resources

Drawings

873684224_sd.pdf
PK-87368-0001-001.pdf
PK-87368-0002-001.pdf

3D Models and Design Files

873684224_stp.zip

Specifications

503940001-AS-000.pdf
PS-87264-001.pdf

Product Environment Compliance

Compliance

GADSL/IMDS	Compliant with Exemption 44; 33; 34
China RoHS	
EU ELV	Not Relevant
Low-Halogen Status	Not Low-Halogen per IEC 61249-2-21
REACH SVHC	Not Contained per D(2024)6225-DC (07 Nov 2024)
EU RoHS	Compliant per EU 2015/863

Multiple Part Product Compliance Statements

- Eu RoHS
- REACH SVHC
- Low-Halogen

Multiple Part Industry Compliance Documents

- IPC 1752A Class C
- IPC 1752A Class D
- Molex Product Compliance Declaration
- IEC-62474
- chemSHERPA (xml)

EU RoHS Certificate of Compliance

Part Details

General

Status	Active
Category	PCB Headers and Receptacles
Series	87368
Description	Milli-Grid Receptacle, Surface Mount, Side Entry, 0.38µm Gold (Au) Plating, 42 Circuits, Lead-Free
Application	Board-to-Board, Signal
Component Type	PCB Receptacle
Product Name	Milli-Grid
UPC	822348478231

Agency

CSA	LR19980
UL	E29179

Electrical

Current - Maximum per Contact	1.0A
Voltage - Maximum	125V

Physical

Circuits (Loaded)	42
Circuits (maximum)	42
Color - Resin	Black
Durability (mating cycles max)	25
Flammability	94V-0
Glow-Wire Capable	No

Lock to Mating Part	None
Material - Metal	Phosphor Bronze
Material - Plating Mating	Gold
Material - Plating Termination	Tin
Material - Resin	Nylon
Net Weight	1.377/g
Number of Rows	2
Orientation	Right Angle
Packaging Type	Tube
PCB Locator	Yes
PCB Retention	Yes
Pitch - Mating Interface	2.00mm
Plating min - Mating	0.381µm
Plating min - Termination	2.540µm
Polarized to PCB	Yes
Temperature Range - Operating	-55° to +105°C
Termination Interface Style	Surface Mount

Solder Process Data

Max-Duration	14
Lead-Free Process Capability	REFLOW
Max-Cycle	1
Max-Temp	265

Mates With / Use With

Mates with Part(s)

Description	Part Number
Milli-Grid Vertical Through Hole Headers	87758
Milli-Grid Vertical Surface Mount Headers	87759
Milli-Grid Right-Angle Through Hole Headers	87760